

FORM PTO-1390  
(REV 10-94)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER

TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371

10873.1901USWO

U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5)

UNKNOWN  
**107581988**

INTERNATIONAL APPLICATION NO.

INTERNATIONAL FILING DATE

PRIORITY DATE CLAIMED

PCT/JP2004/018178

DECEMBER 7, 2004

DECEMBER 22, 2003

TITLE OF INVENTION

MEDICAL TUBE AND METHOD FOR MANUFACTURING THE SAME

APPLICANT(S) FOR DO/EO/US


YAMADA et al.

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(I).
4. ☒ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☐ is transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☒ has been transmitted by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US)
6. ☒ A translation of the International Application into English (35 U.S.C. 371(c)(2)).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. ☒ are transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☒ have been transmitted by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☒ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

**Items 11. to 16. below concern document(s) or information included:**

11. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98 Form 1449, 2 references, copy of International Search Report (Form PCT/ISA/210).
12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A FIRST preliminary amendment.  
☐ A SECOND or SUBSEQUENT preliminary amendment.
14. ☐ A substitute specification.
15. ☐ A change of power of attorney and/or address letter.
16. ☒ Other items or information: Application Data Sheet (3 pages), International Publication Page(s) of WO 2005/061020 A1, Communication re: Requested Figure, Form PCT/IPEA/409 (in Japanese language), Form PCT/IB/304, Form PCT/IB/308.

U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) <b>UNKNOWN 10/581988</b>		INTERNATIONAL APPLICATION NO. PCT/JP2004/018178		ATTORNEY'S DOCKET NUMBER 10873.1901USWO	
<b>BASIC NATIONAL FEE (37 CFR 1.492(a) (1)-(5)):</b>					
[X] a) Basic National fee.....\$300.00				\$300.00	
[X] b) Examination fee.....\$200.00				\$200.00	
[X] c) Search fee.....\$500.00				\$500.00	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				<b>\$1000.00</b>	
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	Rate		
26 - 100 =	0 / 50 =		X \$250.00	\$0.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than [ ] 20 [ ] 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$0.00	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	10 -20 = 0		X \$50.00	\$0.00	
Independent claims	2 -3 = 0		X \$200.00	\$0.00	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360.00	\$0.00	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				<b>\$1000.00</b>	
Reduction by 1/2 for filing by small entity, if applicable. Small entity status is claimed pursuant to 37 CFR 1.27				\$0.00	
<b>SUBTOTAL =</b>				<b>\$1000.00</b>	
Processing fee of \$130.00 for furnishing the English translation later than [ ] 20 [ ] 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				+ \$0.00	
<b>TOTAL NATIONAL FEE =</b>				<b>\$1000.00</b>	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				+ \$40.00	
<b>TOTAL FEES ENCLOSED =</b>				<b>\$1040.00</b>	
				Amount to be: refunded	\$0.00
				charged	\$0.00
<p>a. [X] Check(s) in the amount of <u>\$1040.00</u> to cover the above fees is enclosed.</p> <p>b. [ ] Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. [X] The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>50-3478</u>.</p>					
<p><b>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</b></p>					
<p>SEND ALL CORRESPONDENCE TO: DOUGLAS P. MUELLER Hamre, Schumann, Mueller &amp; Larson, P.C. P.O. Box 2902-0902 Minneapolis, MN 55402</p>					
				<p>SIGNATURE: </p> <p>NAME: DOUGLAS P. MUELLER REGISTRATION NUMBER: 30,300</p>	

10/581988

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: YAMADA et al.

Docket: 10873.1901USWO

1AP20 Rev'd PGT/PTO 07 JUN 2006

Title: MEDICAL TUBE AND METHOD FOR MANUFACTURING THE SAME

**CERTIFICATE UNDER 37 CFR 1.10:**

"Express Mail" mailing label number: EV 858803665 US

Date of Deposit: JUNE 7, 2006

I hereby certify that this paper or fee is being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to MS PCT, Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450.

By: 

Name: ABBIE LARKIN

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

We are transmitting herewith the attached:

- ☒ Transmittal sheet, in duplicate, containing Certificate under 37 CFR 1.10.
- ☒ National Stage PCT Patent Application: Spec. 21 pgs; 10 claims (2 pages); Abstract- 1 pg.  
The fee has been calculated as shown below in the 'Claims as Filed' table.
- ☒ 2 sheets of formal drawings
- ☒ A signed Combined Declaration and Power of Attorney
- ☒ Assignment of the invention to I.S.T Corporation., Recordation Form Cover Sheet
- ☒ Checks in the amount of \$1000.00 for the Filing Fee and \$40.00 for the Assignment Recording Fee
- ☒ Information Disclosure Statement, Form 1449, 2 references.
- ☒ Application Data Sheet, 3 pages.
- ☒ Other: Form PTO-1390, translation of the International Application into English, International Publication page of WO 2005/061020 A1, Communication re: Requested Figure, Preliminary Amendment, translation of the amendments to the claims under PCT Article 19, PCT/ISA/210, Form PCT/IB/304, Form PCT/IB/308, Form PCT/IPEA/409 (in Japanese language).
- ☒ Return postcard

## CLAIMS AS FILED

Number of Claims Filed	No.	In Excess of	Extra	Rate	Fee
Total Claims	10	20	0	50.00	= 0.00
Independent Claims	2	3	0	200.00	= 0.00
Multiple Dependent Claims Fee					= 0.00
Basic Filing Fee					= 300.00
Search Fee					= 500.00
Examination Fee					= 200.00
Utility Application Size Fee	26	100	0	250.00	= 0.00
Total					= 1000.00

Please charge any additional fees or credit overpayment to Deposit Account No. 50-3478. A duplicate of this sheet is enclosed.

Hamre, Schumann, Mueller & Larson, P.C.  
P.O. Box 2902-0902 Minneapolis, MN 55402  
612.455-3800

By: 

Name: Douglas P. Mueller  
Reg. No: 30,300  
Initials: DPM:nel

52835

PATENT TRADEMARK OFFICE

(PTO TRANSMITTAL - NEW FILING)

S/N unknown

AP20 Rec'd PCT/PTO 07 JUN 2006 PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: YAMADA et al. Examiner: unknown  
Serial No.: unknown Group Art Unit: unknown  
Filed: concurrent herewith Docket No.: 10873.1901USWO  
Title: MEDICAL TUBE AND METHOD FOR MANUFACTURING THE SAME

CERTIFICATE UNDER 37 CFR 1.10:

"Express Mail" mailing label number: EV 858803665 US  
Date of Deposit: JUNE 7, 2006

I hereby certify that this paper or fee is being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

By:   
Name: ABBIE LARKIN

COMMUNICATION REGARDING REQUESTED FIGURE

MS PCT  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

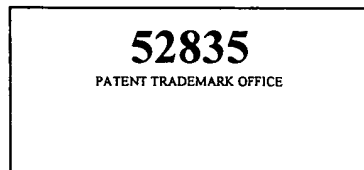
In connection with the above-identified application, applicant respectfully requests that Figure 2B be printed on the front page of the published application.

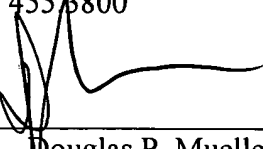
If a telephone conference would be helpful in resolving any issues concerning this communication, please contact Applicants' primary attorney-of record, Douglas P.

Mueller (Reg. No. 30,300), at (612)455.3804.

Respectfully submitted,

Hamre, Schumann, Mueller & Larson, P.C.  
P.O. Box 2902  
Minneapolis, Minnesota 55402-0902  
(612) 455.3800

Dated: JUNE 7, 2006

By:   
Douglas P. Mueller  
Reg. No. 30,300

DPM/nel

COPY

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107581988

AP20 Rec'd PCT/PTO 07 JUN 2006

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Hitoshi WADA

12 April 2005

The International Bureau of WIPO  
34, Chemin des Colombettes  
1211 Geneva 20  
Switzerland

"Amendment of the claims under Article 19(1) (Rule 46)"

Re: International Application No. PCT/JP2004/018178  
International Filing Date: 7 December 2004  
Applicant: I.S.T CORPORATION  
Agent: IKEUCHI SATO & PARTNER PATENT ATTORNEYS  
Our Ref.: H2283-01

Dear Sir:

The Applicant, who received the International Search Report relating to the above-identified International Application transmitted on 8 February 2005, hereby files amendment under Article 19(1) as in the attached sheets.

That is, claims 1, 5, 7, 9 and 10 are amended and claims 2-4, 6 and 8 are retained unchanged.

The Applicant also files as attached herewith a brief statement explaining the amendment and indicating any impact the amendment might have on the description or the drawings.

Sincerely yours,

*Hiroyuki Ikeuchi*

IKEUCHI SATO & PARTNER PATENT ATTORNEYS  
Representative Partner  
Hiroyuki IKEUCHI

Attachment:

- |                                   |          |
|-----------------------------------|----------|
| (1) Amendment under Article 19(1) | 2 sheets |
| (2) Brief Statement               | 1 sheet  |